



(43) International Publication Date
30 August 2012 (30.08.2012)

(51) International Patent Classification:
G02B 6/255 (2006.01)

(21) International Application Number:
PCT/US2012/026607

(22) International Filing Date:
24 February 2012 (24.02.2012)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
61/446,555 25 February 2011 (25.02.2011) US

(71) Applicant (for all designated States except US): **OR-TRONICS, INC.** [US/US]; 125 Eugene O'Neill Drive, New London, CT 06320 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **GRANDIDGE, Ryan, J.** [US/US]; 14 Blue Sky Drive, Westerly, RI 02891 (US). **MONTGELAS, Rudolph, A.** [US/US]; 26 Northmoor Road, West Hartford, CT 06117 (US). **MURANO, Adam** [US/US]; 89 Madley Road, Lebanon, CT 06249 (US). **DIETZ, William** [US/US]; 17 Sunset Hill Drive, Branford, CT 06405 (US). **RICHARD, Alex** [US/US]; 600 Meridian Street Ext., Apt. 1505, Groton, CT 06340 (US). **MOZOTA, Jose** [US/US]; 38 Haley Meadow Road, Griswold, CT 06351 (US).

(74) Agents: **BUMGARNER, Aaron P.** et al.; McCarter & English, LLP, Canterbury Green, 201 Broad Street, Stamford, CT 06901 (US).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM,

AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

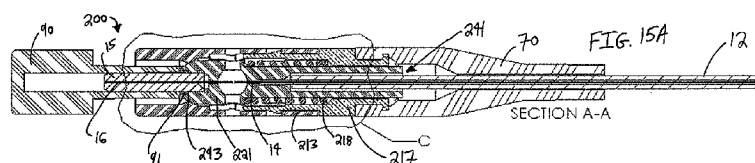
Declarations under Rule 4.17:

- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))
- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))

Published:

- with international search report (Art. 21(3))
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))

(54) Title: FIELD TERMINATION OPTICAL FIBER CONNECTORS AND SPLICERS



(57) Abstract: The present disclosure provides for improved field termination optical fiber connector members and/or splicers for use in terminating or fusing optical fibers. More particularly, the present disclosure provides for convenient, low-cost, accurate, and effective methods for terminating or fusing optical fibers utilizing advantageous field termination optical fiber connector members and/or splicers. Improved apparatus and methods are provided for use in terminating or fusing a broad variety of optical fibers.